

SECTION 18

ABUTMENTS

1.18.1 DESIGN CRITERIA

The AASHTO Standard Specifications for Highway Bridges (with current Interims), and criteria listed in Section 16 of this Manual, shall govern abutment designs.

1.18.2 GENERAL

- a. Page 1.18-2 illustrates typical abutment types that are acceptable. Spill-through abutments may be considered in certain situations; such as, when foundation conditions indicate very short pile lengths.
- b. For abutments adjacent to waterways, even though they may not be needed for the foundation design, piles shall be considered where hydraulic or other characteristics indicate the possibility of scour
- c. Reference Subsection 1.46.2 of this Manual for recommendations for scour protection.
- d. For guidance as to the design of Integral Abutments, refer to Section 15 of this Manual.

